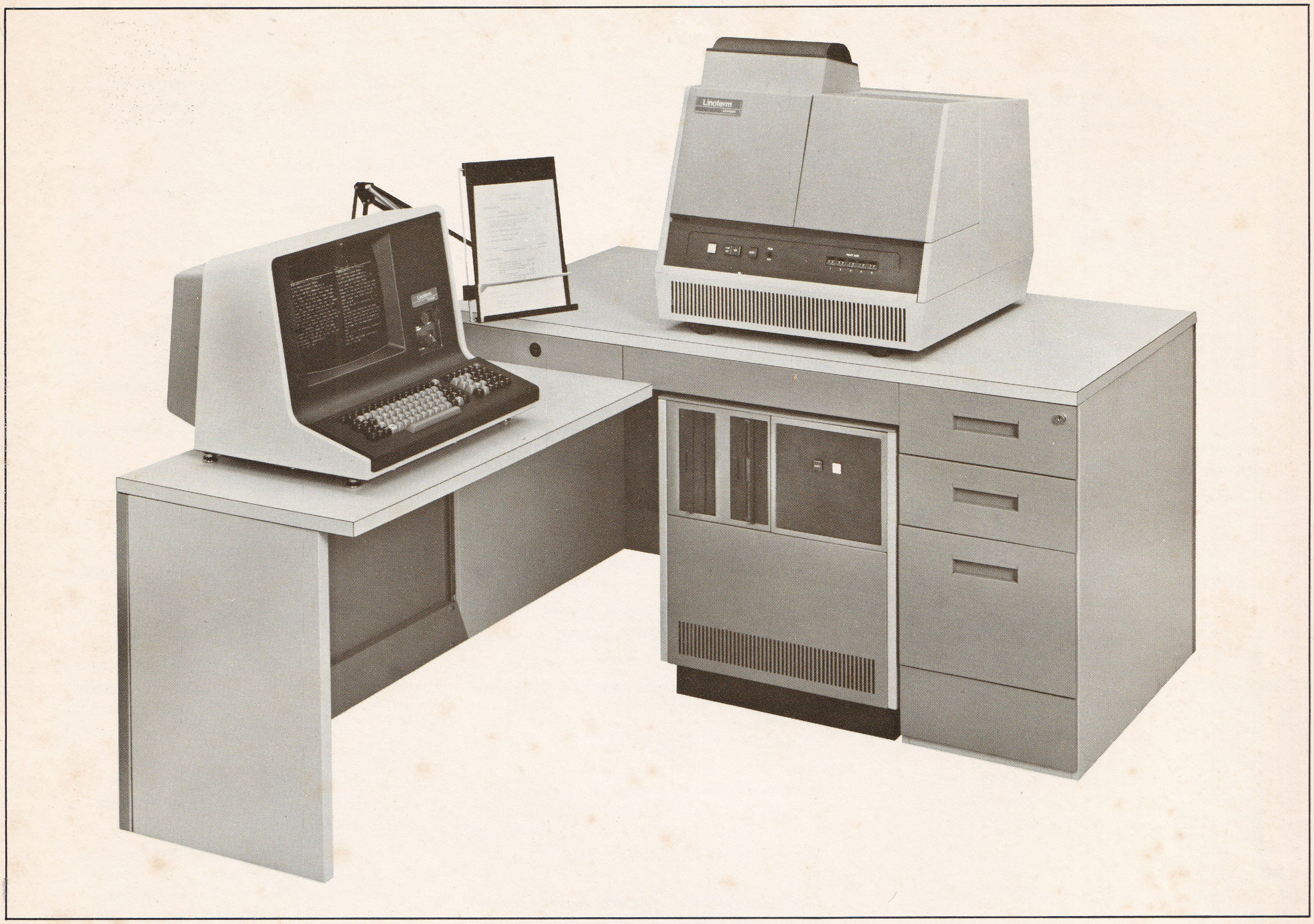
Linoterm Typesetting System



Description

Linoterm from Mergenthaler Linotype combines all the input and editing power of our MVP Editing System with a disk storage and retrieval unit and the reliable, high quality optical system of our Linocomp 2. It is a complete typesetting system with more front-end capability than any comparable product. What's more, because its built-in microprocessor can be easily re-programmed from diskette, Linoterm can change as your requirements change and incorporate software enhancements that are introduced in the future.

Linoterm is compatible with all disk configurations of MVP. So the Linoterm owner can add additional input/editing stations to increase productivity or drive a V-I-P phototypesetter through an MVP equipped with a disk drive and the Interactive Interface.

- Standard typewriter-like keyboard
- Typeset one job and edit another at the same time—even if each job requires different typefaces
- 14-inch screen displays 1,840, 14-point characters in choice of three formats: single column, dual column, split screen
- Typesetter sets type in 14 sizes from 6 to 36 point with 4 fonts and 5 sizes on-line
- Operator can re-program displayed character set, formats, or keyboard layout
- One diskette can store and index 209 files and 290,000 characters
- 600 typefaces now available including 54-unit fonts and every text face licensed by the International Typeface Corporation (ITC)
- Automatic indent program and 20 tab columns
- Options include second disk drive, additional 4K refresh memory
- MVP/2 Input Editing Terminals can be added to increase productivity

Mergenthaler Linotype

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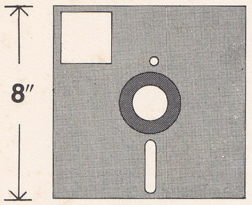
Diskettes are perfect in an office environment. They're stored like file folders. The problems of labelling and storing rolls and rolls of paper tape are neatly eliminated.



- **A single, eight-inch-square diskette stores 290,000 keystrokes.** This is equivalent to almost one-half mile of paper tape.

DISPLAY

Screen Size
14-inch diagonal

Screen Capacity
24 lines (including the control line) of up to 80 characters

Display Formats
(1) Single column, 23 lines of 80 characters
(2) Dual column, 46 lines of 40 characters
(3) Split screen, 23 lines of 40 characters for each side

Character Set
128 characters and symbols, programmable by the operator

Character Size
Approximately 14 points constructed on a 7x12 dot matrix

File Index
Can be displayed on screen, 209 files per diskette

Display (Refresh) Memory
3,200 displayable characters in 4K memory standard, 7,040 optional

Typesetting Parameters
Displayed in control line

CONTROL AND EDITING FUNCTIONS

Cursor
Left, right, up, down, home, new line, control, text, text right (for split screen)

Edit Blocks
Define start, define end, character, word, sentence, define edit blocks to be deleted, moved, copied, output

Delete
Single keystroke deletes edit block

Insert
Opens a single space within a line

Open
"Opens" text for additional insertions

Close
"Closes" text with word wrap-around

Move
Any defined copy moved by single keystroke to new location defined by cursor

Copy
Same as move, except copy is not deleted

Cancel Edit
Cancels any existing edit block

Search
Automatic memory search for a string of characters (up to 40), which matches the first string in the control line. Virtual scrolling and global search standard features

Replace
Replaces edit block with the second string of characters (up to 39 minus the search string)

Scrolling
Active job or entire diskette

Store and Recall
Any data, control, and editing functions may be stored in up to 16 "format" areas and recalled by a single keystroke. 700 codes are standard. Additional codes available through operator re-programming. Format segments any length up to total memory capacity. Formats can be stored on diskette and recalled by a file name

Justification
Three modes: manual, semi-automatic, automatic

INPUT/OUTPUT

Input
Keyboard or floppy diskette

Output
On-line to typesetter — 4 faces and 5 sizes from 6 to 36 point on line.
14 sizes available. 45-pica line length. Uses Linocomp fonts

Simultaneous Input/Output
Input and edit one job and typeset a different job at the same time

Accessories
Desk and copyholder shown in photograph are available as options

Programmable Memory
(1) Program Memory: 8,192 locations, (accessible and operator programmable)
(2) Data Memory: 4,096 RAM (accessible and operator programmable) including format and buffer memory

Optional
(1) Second floppy diskette drive
(2) Additional 4K refresh memory

Miscellaneous
Controller: Proprietary Mergenthaler Microprocessor
Electrical Requirements: 120 VAC, 50-60 Hz, 15 AMPS or 240 VAC, 50-60 Hz, 8 AMPS
Size/Weight: Keyboard Terminal — 22″W 21½″D 16¼″H; 55 lbs.
Size/Weight: Console — 22″W 25¼″D 24″H; 175 lbs.
Size/Weight: Typesetter — 25″W 23″D 23″H; 175 lbs.

Environmental Requirements
Temperature: 65°F-90°F
Humidity: 25%-85% RH (non-condensing)

These specifications are subject to change without notice.

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Linotype

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